

WEST Search History

DATE: Saturday, June 07, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L26	L25 AND PHB	8	L26
L25	L24 AND nerve	788	L25
L24	IGF-1	2442	L24
L23	L22 AND nerve	103	L23
L22	MGF	2009	L22
L21	Mechano-growth-factor	0	L21
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
L20	L18 AND IGF	52	L20
L19	L18 AND MGF	4	L19
L18	((424/198.1)!.CCLS.)	288	L18
L17	L13 AND MGF	38	L17
L16	L15 AND PHB	1	L16
L15	L14 AND nerve	213	L15
L14	L2 AND L13	465	L14
L13	((536/23.5)!.CCLS.)	6024	L13
L12	L10 AND PHB	2	L12
L11	L10 AND conduit	1	L11
L10	L9 AND nerve	529	L10
L9	L2 AND L8	907	L9
L8	((530/300 530/350)!.CCLS.)	11754	L8
L7	Terenghi-Giorgio.IN.	1	L7
L6	Goldspink-Geoffrey.IN.	4	L6
L5	L4 AND conduit	6	L5
L4	L3 AND nerve	183	L4
L3	L1 AND L2	434	L3
L2	IGF OR MGF	5988	L2
L1	(514/2.CCLS.)	4951	L1

END OF SEARCH HISTORY

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=> file BIOSCIENCE

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=> s mechano-growth factor

14 FILES SEARCHED...

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L1 114 MECHANO-GROWTH FACTOR

=> DUP REM L1

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L3 53 DUP REM L1 (61 DUPLICATES REMOVED)

=> D L3 1-53

L3 ANSWER 1 OF 53 EMBAL COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 1
AN 2003209149 EMBASE Alert (EMBAL)

TI Acute molecular responses of skeletal muscle to resistance exercise in
able-bodied and spinal cord injured subjects.
AU Bickel C.S.; Slade J.M.; Haddad F.; Adams G.R.; Dudley G.A.
CS G.R. Adams, Dept. of Physiology, Univ. of California, Irvine, 346-D
Medical Sciences 1, Irvine, CA 92697-4560, United States. gradams@uci.edu
SO Journal of Applied Physiology, (1 Jun 2003) 94/6 (2255-2262). Refs: 46.
CODEN: JAPHE ISSN: 8750-7587
CY United States
DT Article
LA English
SL English

L3 ANSWER 2 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
2
AN 2003:174844 BIOSIS
DN PREV200300174844
TI Skeletal muscle repair by adult human mesenchymal stem cells from synovial
membrane.
AU De Bari, Cosimo; Dell'Accio, Francesco; Vandenabeele, Frank; Vermeesch,
Joris R.; Raymackers, Jean-Marc; Luyten, Frank P. (1)
CS (1) Laboratory for Skeletal Development and Joint Disorders, Dept. of
Rheumatology, Katholieke Universiteit Leuven, Herestraat 49, 3000, Leuven,
Belgium: frank.luyten@uz.kuleuven.ac.be Belgium
SO Journal of Cell Biology, (March 17 2003) Vol. 160, No. 6, pp. 909-918.
print.
ISSN: 0021-9525.
DT Article
LA English

L3 ANSWER 3 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2003:174826 BIOSIS
DN PREV200300174826
TI Further proof of the plasticity of adult stem cells and their role in
tissue repair.
AU Prockop, Darwin J. (1)
CS (1) Center for Gene Therapy, Tulane University Health Sciences Center,
1430 Tulane Ave., New Orleans, LA, 70112, USA: dprocko@tulane.edu USA
SO Journal of Cell Biology, (March 17 2003) Vol. 160, No. 6, pp. 807-809.
print.
ISSN: 0021-9525.
DT Article
LA English

L3 ANSWER 4 OF 53 MEDLINE
AN 2003254226 IN-PROCESS
DN 22662469 PubMed ID: 12692175
TI Expression and splicing of the insulin-like growth factor gene in rodent
muscle is associated with muscle satellite (stem) cell activation
following local tissue damage.
AU Hill Maria; Goldspink Geoffrey
CS Basic Medical Sciences and Department of Surgery, Royal Free and
University College Medical School, Royal Free Campus, Rowland Hill Street,
London NW3 2PF, UK.
SO JOURNAL OF PHYSIOLOGY, (2003 Jun 1) 549 (Pt 2) 409-18.
Journal code: 0266262. ISSN: 0022-3751.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20030603
Last Updated on STN: 20030603

L3 ANSWER 5 OF 53 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.DUPLICATE
AN 2003:36285178 BIOTECHNO
TI Expression of IGF-I splice variants in young and old human skeletal
muscle after high resistance exercise
AU Hameed M.; Orrell R.W.; Cubbold M.; Goldspink G.; Harridge S.D.R.
CS S.D.R. Harridge, Department of Physiology, Royal Free/Univ. College Med.
School, University College London, Rowland Hill Street, London NW3 2PF,
United Kingdom.
E-mail: s.harridge@rfc.ucl.ac.uk
SO Journal of Physiology, (15 FEB 2003), 547/1 (247-254), 35 reference(s)
CODEN: JPHYA7 ISSN: 0022-3751
DT Journal; General Review
CY United Kingdom
LA English

SL English

L3 ANSWER 6 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
4
AN 2003:181441 BIOSIS
DN PREV200300181441
TI 3-D in vitro model of early skeletal muscle development.
AU Cheema, U.; Yang, S.-Y.; Mudera, V.; Goldspink, G. G.; Brown, R. A. (1)
CS (1) Tissue Repair and Engineering Centre, University College London,
RFUCMS, Institute of Orthopaedics, RNOH, Stanmore, Middlesex, HA7 4LP, UK:
rehkrab@ucl.ac.uk UK
SO Cell Motility and the Cytoskeleton, (March 2003, 2003) Vol. 54, No. 3, pp.
226-236. print.
ISSN: 0886-1544.
DT Article
LA English

L3 ANSWER 7 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
5
AN 2003:135531 BIOSIS
DN PREV200300135531
TI Ageing and local growth factors in muscle.
AU Harridge, Stephen D. R. (1)
CS (1) Department of Physiology, Medical School, Royal Free and University
College, Rowland Hill Street, London, NW3 2PF, UK UK
SO Scandinavian Journal of Medicine & Science in Sports, (February 2003,
2003) Vol. 13, No. 1, pp. 34-39. print.
ISSN: 0905-7188.
DT General Review
LA English

L3 ANSWER 8 OF 53 IFIPAT COPYRIGHT 2003 IFI DUPLICATE 6
AN 10139850 IFIPAT;IFIUDB;IFICDB
TI REPAIR OF NERVE DAMAGE; TREATING NERVE DAMAGE; ADMINISTER INSULIN LIKE
GROWTH FACTOR ISOFORM TO HUMAN, MONITOR RESPONSE OF DAMAGED NERVES
IN Goldspink Geoffrey (GB); Terenghi Giorgio (GB)
PA Unassigned Or Assigned To Individual (68000)
PI US 2002083477 A1 20020627
AI US 2001-852261 20010510
PRAI GB 2000-112789 20000510
FI US 2002083477 20020627
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 13
GI 23 Figure(s).
FIG. 1: Total numbers of motoneurons in the facial motor nucleus
KEY
1: normal
2: 1 month crush
3: 1 month avulsion
4: plasmid only-1 month avulsion
5: IGF-I plasmid-1 month avulsion
6: MGF plasmid-1 month avulsion
right: operated side; left: non-operated side
FIG. 2: Avulsion (control experiments)
(a) Low magnification view of a transverse section through the brainstem
at the level of the facial nucleus, 1 month following facial nerve
avulsion. Numbers of motoneurons in the facial nucleus of the operated
side (b) are markedly reduced compared to the non-operated nucleus (arrow
and inset c). 70 μ m vibratome section stained with YOYO and viewed
using epifluorescence.
FIG. 3: Plasmid experiments
(a) Low magnification view of the brainstem at the level of the facial
nucleus Plasmid DNA without any gene insert was injected into the right
snout muscle. 7 days later the right facial nerve was avulsed and the
animal allowed to survive for 1 month. Like the effect of avulsion only
(FIG. 1), numbers of motoneurons in the facial nucleus of the operated
side (c) are markedly reduced compared to the non-operated nucleus (arrow
and inset b) 70 μ m vibratome section stained with YOYO and viewed using
epifluorescence.
FIG. 4: MGF plasmid experiments
(a) Low magnification view of the brainstem at the level of the facial
nucleus. Plasmid DNA containing the rat MGF gene was injected into the
right snout muscle. 7 days later the right facial nerve was avulsed and
the animal allowed to survive for 1 month Numbers of motoneurons in the

facial nucleus of the operated side (b) are similar to the non-operated nucleus (arrow and inset 70 μ m vibratome section stained with YOYO and viewed using epifluorescence.

FIG. 5: cDNA and amino acid sequence of human MGF, showing its exon structure

FIG. 6: cDNA and amino acid sequence of rat MGF, showing its exon structure

FIG. 7: cDNA and amino acid sequence of rabbit MGF, showing its exon structure

FIG. 8: cDNA and amino acid sequence of human L-IGF-I, showing its exon structure

FIG. 9: cDNA and amino acid sequence of rat L-IGF-I, showing its exon structure

FIG. 10: cDNA and amino acid sequence of rabbit L-IGF-I, showing its exon structure

FIG. 11: Sequence alignment, illustrating exon structure of human, rat and rabbit MGF and L-IGF-I, and highlighting similarities and differences

FIG. 12. Staining for axon (Pan NF, in red in original colour) and supporting Schwann cells (S100, in green in original colour) showing axonal regeneration in the three experimental groups. The axon regrowth in the MGF group is more abundant and reaches further into the distal nerve than the axons in the other two experimental groups. Top centre; MGF, lower left; control with "empty" vector, lower right: L-IGF.

L3 ANSWER 9 OF 53 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 7

AN 2002:557908 CAPLUS

DN 137:382729

TI Selected contribution: acute cellular and molecular responses to resistance exercise

AU Haddad, Fadia; Adams, Gregory R.

CS Department of Physiology and Biophysics, University of California, Irvine, Irvine, CA, 92697, USA

SO Journal of Applied Physiology (2002), 93(1), 394-403

CODEN: JAPHEV; ISSN: 8750-7587

PB American Physiological Society

DT Journal

LA English

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L3 ANSWER 10 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 8

AN 2003:101950 BIOSIS

DN PREV200300101950

TI [Skeletal muscle plasticity and training.

Original Title: Strukturanpassungen des Skelettmuskels auf Training..

AU Steinacker, J. M. (1); Wang, L.; Lormes, W.; Reissnecker, S.; Liu, Y.

CS (1) Sektion Sport- und Rehabilitationsmedizin Abteilung Innere Medizin II, Steinhoevelstr. 9, 89070, Ulm, Germany: juergen.steinacker@medizin.uni-ulm.de Germany

SO Deutsche Zeitschrift fuer Sportmedizin, (Dezember 2002, 2002) Vol. 53, No. 12, pp. 354-360. print.

ISSN: 0344-5925.

DT Article

LA German

L3 ANSWER 11 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 9

AN 2002:455725 BIOSIS

DN PREV200200455725

TI Gene expression in skeletal muscle.

AU Goldspink, G. (1)

CS (1) Departments of Anatomy and Surgery, Medical School, Royal Free and University College, University of London, Rowland Hill Street, Royal Free Campus, London, NW3 2PF: goldspink@rfc.ucl.ac.uk UK

SO Biochemical Society Transactions, (April, 2002) Vol. 30, No. 2, pp. 285-290. print.

Meeting Info.: 675th Meeting of the Biochemical Society York, UK December 17-19, 2001

ISSN: 0300-5127.

DT Conference

LA English

L3 ANSWER 12 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2003:3363 BIOSIS

DN PREV200300003363

TI IGF-I promoter activity and induction of IGF-I and MGF mRNA during
plantaris functional overloading.
AU McCall, G. E. (1); Haddad, P.; Allen, D. L.; Qin, A. X.; McCue, S. A.;
Baldwin, K. M.
CS (1) University of California Irvine, Irvine, CA, USA USA
SO Medicine & Science in Sports & Exercise, (May 2002, 2002) Vol. 34, No. 5
Supplement, pp. S187. print.
Meeting Info.: 49th Annual Meeting of the American College of Sports
Medicine held in conjunction with the Sixth IOC (International Olympic
Committee) World Congress on Sport Sciences St Louis, MO, USA May 28-June
01, 2002 American College of Sports Medicine
. ISSN: 0195-9131.
DT Conference
LA English

L3 ANSWER 13 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
10
AN 2002:407334 BIOSIS
DN PREV200200407334
TI Different roles of the IGF-I Ec peptide (MGF) and mature IGF-I in myoblast
proliferation and differentiation.
AU Yang, Shi Yu; Goldspink, Geoffrey (1)
CS (1) Molecular Tissue Repair Unit, Department of Surgery, and University
College Medical School, Royal Free, University College London, Rowland
Hill Street, London, NW3 2PF: g.goldspink@rfc.ucl.ac.uk UK
SO FEBS Letters, (3 July, 2002) Vol. 522, No. 1-3, pp. 156-160.
http://www.elsevier.com/febs. print.
ISSN: 0014-5793.
DT Article
LA English

L3 ANSWER 14 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:330902 BIOSIS
DN PREV200200330902
TI Gene expression in muscle in response to exercise.
AU Goldspink, G. (1)
CS (1) Medical School, Royal Free and University College, London, NW3 2PF UK
SO Biochemical Society Transactions, (2002) Vol. 30, No. 1, pp. A11. print.
Meeting Info.: 675th Meeting of the Biochemical Society joint with the
Physiological Society York, England, UK December 18-19, 2001
ISSN: 0300-5127.
DT Conference
LA English

L3 ANSWER 15 OF 53 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
AN 2002-04468 BIOTECHDS
TI Use of somatomedin-C (IGF-I) isoform known as ***mechano***
growth ***factor*** which is encoded by IGF-I exons 4,5,6 and
has ability to reduce motoneurone loss in response to nerve avulsion, to
treat nerve damage;
for use in gene therapy
AU Goldspink G; Terenghi G
PA Univ.London; East-Grinstead-Med.Res.Trust
LO London, UK; East Grinstead, UK.
PI WO 2001085781 15 Nov 2001
AI WO 2001-GB2054 10 May 2001
PRAI GB 2000-11278 10 May 2000
DT Patent
LA English
OS WPI: 2002-055585 [07]

L3 ANSWER 16 OF 53 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 12
AN 2001:380645 CAPLUS
DN 135:807
TI Use of insulin-like-growth factor I isoform ***mechano*** -
growth ***factor*** for treatment of neurological disorders
IN Goldspink, Geoffrey; Johnson, Ian
PA University College London, UK
SO PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001036483	A1	20010525	WO 2000-GB4354	20001115

W: JP, US
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, , MC, NL,
 PT, SE, TR
 EP 1235858 A1 20020904 EP 2000-976142 20001115
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRAI GB 1999-26968 A 19991115
 WO 2000-GB4354 W 20001115
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L3 ANSWER 17 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 13
 AN 2001:486237 BIOSIS
 DN PREV200100486237
 TI Age-related loss of skeletal muscle function and the inability to express
 the autocrine form of insulin-like growth factor-1 (IGF) in response to
 mechanical overload.
 AU Owino, Vivian; Yang, Shi Yu; Goldspink, Geoffrey (1)
 CS (1) Department of Anatomy and Developmental Biology, Division of Basic
 Medical Sciences, Royal Free and University College Medical School,
 Rowland Hill Street, Royal Free Campus, London, NW3 2PF:
 g.goldspink@rfc.ucl.ac.uk UK
 SO FEBS Letters, (14 September, 2001) Vol. 505, No. 2, pp. 259-263. print.
 ISSN: 0014-5793.
 DT Article
 LA English
 SL English

L3 ANSWER 18 OF 53 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:618994 CAPLUS
 DN 135:313694
 TI Gene expression associated with muscle adaptation in response to physical
 signals
 AU Goldspink, Geoff; Yang, Shi Yu
 CS Royal Free and UCL Medical School, University of London, London, NW3 2PF,
 UK
 SO Cell and Molecular Responses to Stress (2001), 2(Protein Adaptations and
 Signal Transduction), 87-96
 CODEN: CMRSCB
 PB Elsevier Science B.V.
 DT Journal; General Review
 LA English
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 AN 2002:44999 AGRICOLA
 DN IND23277109
 TI Effects of activity on growth factor expression.
 AU Goldspink, G.; Yang, S.Y.
 AV DNAL (RC1235.I515)
 SO International journal of sport nutrition & exercise metabolism, Dec 2001.
 Vol. 11, No. suppl.. p. S21-S27
 Publisher: Champaign, IL : Human Kinetics, c2000-
 ISSN: 1526-484X
 NTE Includes references
 CY Illinois; United States
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L3 ANSWER 20 OF 53 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V.DUPLICATE
 AN 2001:34037784 BIOTECHNO
 TI Effects of activity on growth factor expression
 AU Goldspink G.; Yang S.Y.
 CS G. Goldspink, Department of Developmental Biology, University College
 Medical School, University of London, Rowland Hill St., London NW3 2PF,
 United Kingdom.
 SO International Journal of Sport Nutrition, (2001), 11/SUPPL. (S21-S27), 18
 reference(s)
 CODEN: ISNUE5 ISSN: 1050-1606
 DT Journal; Conference Article

CY United States
LA English
SL English

L3 ANSWER 21 OF 53 SCISEARCH COPYRIGHT 2003 THOMSON ISI
AN 2002:36447 SCISEARCH
GA The Genuine Article (R) Number: 508DE
TI Effects of activity on growth factor expression
AU Goldspink G (Reprint); Yang S Y
CS Univ London, Royal Free & Univ Coll Med Sch, Dept Anat & Dev Biol, Rowland Hill St, London NW3 2PF, England (Reprint); Univ London, Royal Free & Univ Coll Med Sch, Dept Anat & Dev Biol, London NW3 2PF, England
CYA England
SO INTERNATIONAL JOURNAL OF SPORT NUTRITION AND EXERCISE METABOLISM, (DEC 2001) Vol. 11, Supp. [S], pp. S21-S27.
Publisher: HUMAN KINETICS PUBL INC, 1607 N MARKET ST, CHAMPAIGN, IL 61820-2200 USA.
ISSN: 1050-1606.
DT Article; Journal
LA English
REC Reference Count: 18
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 22 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 16
AN 1999:256799 BIOSIS
DN PREV199900256799
TI Expression of insulin growth factor-1 splice variants and structural genes in rabbit skeletal muscle induced by stretch and stimulation.
AU McKoy, Godfrina; Ashley, William; Mander, James; Yang, Shi Yu; Williams, Norman; Russell, Brenda; Goldspink, Geoffrey (1)
CS (1) Department of Anatomy and Developmental Biology, Royal Free Campus, Royal Free and University College Medical School, Rowland Hill Street, London, NW3 2PF UK
SO Journal of Physiology (Cambridge), (April 15, 1999) Vol. 516, No. 2, pp. 583-592.
ISSN: 0022-3751.
DT Article
LA English
SL English

L3 ANSWER 23 OF 53 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 17
AN 1999:305614 BIOSIS
DN PREV199900305614
TI Changes in muscle mass and phenotype and the expression of autocrine and systemic growth factors by muscle in response to stretch and overload.
AU Goldspink, Geoffrey (1)
CS (1) Department of Anatomy and Developmental Biology, Royal Free and University College Medical School, Rowland Hill Street, London, NW3 2PF UK
SO Journal of Anatomy, (April, 1999) vol. 194, No. 3, pp. 323-334.
ISSN: 0021-8782.
DT General Review
LA English
SL English

L3 ANSWER 24 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAU10564 Protein DGENE
TI Use of insulin-like growth factor I (IGF-I) isoform known as
mechano - ***growth*** ***factor*** which is encoded by IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response to nerve avulsion, to treat nerve damage -
IN Goldspink G; Terenghi G
PA (UNLO) UNIV COLLEGE LONDON.
(EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
PI WO 2001085781 A2 20011115 65p
AI WO 2001-GB2054 20010510
PRAI GB 2000-11278 20000510
DT Patent
LA English
OS 2002-055585 [07]
CR N-PSDB: AAS16884
DESC Rabbit insulin-like growth factor I liver-type isoform (L.IGF-I).

L3 ANSWER 25 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAU10563 Protein DGENE

TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 CR N-PSDB: AAS16883
 DESC Rat insulin-like growth factor I liver-type isoform (L.IGF-I).

L3 ANSWER 26 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAU10562 Protein DGENE
 TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 CR N-PSDB: AAS16882
 DESC Human insulin-like growth factor I liver-type isoform (L.IGF-I).

L3 ANSWER 27 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAU10561 Protein DGENE
 TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 CR N-PSDB: AAS16879
 DESC Rabbit ***mechano*** - ***growth*** ***factor*** (MGF)
 polypeptide.

L3 ANSWER 28 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAU10560 Protein DGENE
 TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 CR N-PSDB: AAS16878
 DESC Rat ***mechano*** - ***growth*** ***factor*** (MGF)
 polypeptide.

L3 ANSWER 29 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAU10559 Protein DGENE
 TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by

IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response to nerve avulsion, to treat nerve damage -

IN Goldspink G; Terenghi G
PA (UNLO) UNIV COLLEGE LONDON.
(EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
PI WO 2001085781 A2 20011115 65p
AI WO 2001-GB2054 20010510
PRAI GB 2000-11278 20000510
DT Patent
LA English
OS 2002-055585 [07]
CR N-PSDB: AAS16877
DESC Human ***mechano*** - ***growth*** ***factor*** (MGF)
polypeptide.

L3 ANSWER 30 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02531 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06404
DESC Rat liver-type IGF-I isoform (L.IGF-I) protein, alternative version.

L3 ANSWER 31 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02456 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06405
DESC Rabbit liver-type IGF-I isoform (L.IGF-I) protein, alternative version.

L3 ANSWER 32 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02452 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06405
DESC Rabbit liver-type IGF-I isoform (L.IGF-I) protein.

L3 ANSWER 33 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02451 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115

PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06404
DESC Rat liver-type IGF-I isoform (L.IGF-I) protein.

L3 ANSWER 34 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02450 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -
IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06403
DESC Human liver-type IGF-I isoform (L.IGF-I) protein.

L3 ANSWER 35 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02449 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -
IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06400
DESC Rabbit IGF-I isoform ***mechano*** - ***growth*** ***factor***
(MGF) protein.

L3 ANSWER 36 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02448 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -
IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06399
DESC Rat IGF-I isoform ***mechano*** - ***growth*** ***factor***
(MGF) protein.

L3 ANSWER 37 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAE02447 Protein DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
the manufacture of a medicament for the treatment of neurological
disorder -
IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.
PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR N-PSDB: AAD06398
DESC Human IGF-I isoform ***mechano*** - ***growth*** ***factor***

(MGF) protein.

L3 ANSWER 38 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAS16884 cDNA DGENE
TI Use of insulin-like growth factor I (IGF-I) isoform known as
mechano - ***growth*** ***factor*** which is encoded by
IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
to nerve avulsion, to treat nerve damage -
IN Goldspink G; Terenghi G
PA (UNLO) UNIV COLLEGE LONDON.
(EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
PI WO 2001085781 A2 20011115 65p
AI WO 2001-GB2054 20010510
PRAI GB 2000-11278 20000510
DT Patent
LA English
OS 2002-055585 [07]
CR P-PSDB: AAU10564
DESC Rabbit insulin-like growth factor I liver-type isoform (L.IGF-I) cDNA.

L3 ANSWER 39 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAS16883 cDNA DGENE
TI Use of insulin-like growth factor I (IGF-I) isoform known as
mechano - ***growth*** ***factor*** which is encoded by
IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
to nerve avulsion, to treat nerve damage -
IN Goldspink G; Terenghi G
PA (UNLO) UNIV COLLEGE LONDON.
(EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
PI WO 2001085781 A2 20011115 65p
AI WO 2001-GB2054 20010510
PRAI GB 2000-11278 20000510
DT Patent
LA English
OS 2002-055585 [07]
CR P-PSDB: AAU10563
DESC Rat insulin-like growth factor I liver-type isoform (L.IGF-I) cDNA.

L3 ANSWER 40 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAS16882 cDNA DGENE
TI Use of insulin-like growth factor I (IGF-I) isoform known as
mechano - ***growth*** ***factor*** which is encoded by
IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
to nerve avulsion, to treat nerve damage -
IN Goldspink G; Terenghi G
PA (UNLO) UNIV COLLEGE LONDON.
(EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
PI WO 2001085781 A2 20011115 65p
AI WO 2001-GB2054 20010510
PRAI GB 2000-11278 20000510
DT Patent
LA English
OS 2002-055585 [07]
CR P-PSDB: AAU10562
DESC Human insulin-like growth factor I liver-type isoform (L.IGF-I) cDNA.

L3 ANSWER 41 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAS16881 cDNA DGENE
TI Use of insulin-like growth factor I (IGF-I) isoform known as
mechano - ***growth*** ***factor*** which is encoded by
IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
to nerve avulsion, to treat nerve damage -
IN Goldspink G; Terenghi G
PA (UNLO) UNIV COLLEGE LONDON.
(EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
PI WO 2001085781 A2 20011115 65p
AI WO 2001-GB2054 20010510
PRAI GB 2000-11278 20000510
DT Patent
LA English
OS 2002-055585 [07]
DESC Translation initiation sequence #2.

L3 ANSWER 42 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAS16880 cDNA DGENE
TI Use of insulin-like growth factor I (IGF-I) isoform known as

mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 DESC Translation initiation sequence #1.

L3 ANSWER 43 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAS16879 cDNA DGENE
 TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 CR P-PSDB: AAU10561
 DESC Rabbit ***mechano*** - ***growth*** ***factor*** (MGF) cDNA.

L3 ANSWER 44 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAS16878 cDNA DGENE
 TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 CR P-PSDB: AAU10560
 DESC Rat ***mechano*** - ***growth*** ***factor*** (MGF) cDNA.

L3 ANSWER 45 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAS16877 cDNA DGENE
 TI Use of insulin-like growth factor I (IGF-I) isoform known as
 mechano - ***growth*** ***factor*** which is encoded by
 IGF-I exons 4,5,6 and has ability to reduce motoneuron loss in response
 to nerve avulsion, to treat nerve damage -
 IN Goldspink G; Terenghi G
 PA (UNLO) UNIV COLLEGE LONDON.
 (EGRI-N) EAST GRINSTEAD MEDICAL RES TRUST.
 PI WO 2001085781 A2 20011115 65p
 AI WO 2001-GB2054 20010510
 PRAI GB 2000-11278 20000510
 DT Patent
 LA English
 OS 2002-055585 [07]
 CR P-PSDB: AAU10559
 DESC Human ***mechano*** - ***growth*** ***factor*** (MGF) cDNA.

L3 ANSWER 46 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAD06405 cDNA DGENE
 TI Use of ***mechano*** - ***growth*** ***factor***, an isoform of
 Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
 the manufacture of a medicament for the treatment of neurological
 disorder -
 IN Goldspink G; Johnson I
 PA (UNLO) UNIV COLLEGE LONDON.

PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR P-PSDB: AAE02452; AAE02456
DESC Rabbit liver-type IGF-I isoform (L.IGF-I) cDNA.

L3 ANSWER 47 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAD06404 cDNA DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in the manufacture of a medicament for the treatment of neurological disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.

PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR P-PSDB: AAE02451; AAE02531
DESC Rat liver-type IGF-I isoform (L.IGF-I) cDNA.

L3 ANSWER 48 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAD06403 cDNA DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in the manufacture of a medicament for the treatment of neurological disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.

PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
CR P-PSDB: AAE02450
DESC Human liver-type IGF-I isoform (L.IGF-I) cDNA.

L3 ANSWER 49 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAD06402 DNA DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in the manufacture of a medicament for the treatment of neurological disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.

PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
DESC Translation initiation sequence #2.

L3 ANSWER 50 OF 53 DGENE (C) 2003 THOMSON DERWENT
AN AAD06401 DNA DGENE
TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in the manufacture of a medicament for the treatment of neurological disorder -

IN Goldspink G; Johnson I
PA (UNLO) UNIV COLLEGE LONDON.

PI WO 2001036483 A1 20010525 66p
AI WO 2000-GB4354 20001115
PRAI GB 1999-26968 19991115
DT Patent
LA English
OS 2001-355620 [37]
DESC Translation initiation sequence #1.

L3 ANSWER 51 OF 53 DGENE (C) 2003 THOMSON DERWENT

AN AAD06400 CDNA DGENE
 TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
 Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
 the manufacture of a medicament for the treatment of neurological
 disorder -
 IN Goldspink G; Johnson I
 PA (UNLO) UNIV COLLEGE LONDON.
 PI WO 2001036483 A1 20010525 66p
 AI WO 2000-GB4354 20001115
 PRAI GB 1999-26968 19991115
 DT Patent
 LA English
 OS 2001-355620 [37]
 CR P-PSDB: AAE02449
 DESC Rabbit IGF-I isoform ***mechano*** - ***growth*** ***factor***
 (MGF) CDNA.

L3 ANSWER 52 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAD06399 CDNA DGENE
 TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
 Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
 the manufacture of a medicament for the treatment of neurological
 disorder -
 IN Goldspink G; Johnson I
 PA (UNLO) UNIV COLLEGE LONDON.
 PI WO 2001036483 A1 20010525 66p
 AI WO 2000-GB4354 20001115
 PRAI GB 1999-26968 19991115
 DT Patent
 LA English
 OS 2001-355620 [37]
 CR P-PSDB: AAE02448
 DESC Rat IGF-I isoform ***mechano*** - ***growth*** ***factor***
 (MGF) CDNA.

L3 ANSWER 53 OF 53 DGENE (C) 2003 THOMSON DERWENT
 AN AAD06398 CDNA DGENE
 TI Use of ***mechano*** - ***growth*** ***factor*** , an isoform of
 Insulin-like Growth Factor-I, capable of reducing motoneurone loss, in
 the manufacture of a medicament for the treatment of neurological
 disorder -
 IN Goldspink G; Johnson I
 PA (UNLO) UNIV COLLEGE LONDON.
 PI WO 2001036483 A1 20010525 66p
 AI WO 2000-GB4354 20001115
 PRAI GB 1999-26968 19991115
 DT Patent
 LA English
 OS 2001-355620 [37]
 CR P-PSDB: AAE02447
 DESC Human IGF-I isoform ***mechano*** - ***growth*** ***factor***
 (MGF) CDNA.

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